

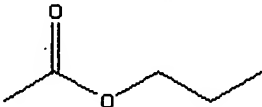
Enter a Chemical Name, CAS Number, Molecular Formula or Weight.

Use * for partial names (e.g. ben*).

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n-Propyl acetate [109-60-4]

Synonyms: 1-Acetoxyp propane; 1-Propyl Acetate; Acetic acid propyl ester; n-Propyl acetate; propyl acetate;

	Tools	OpenChem
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	CAS RN Lookup	
	THE MERCK INDEX NCI DATABASE	

Formula	C ₅ H ₁₀ O ₂	Molecular Weight	102.1328
CAS RN	109-60-4	Melting Point (°C)	-96
ACX Number	X1000401-8	Boiling Point (°C)	102
Density	0.888	Vapor Density	
Refractive Index	1.384	Vapor Pressure	
Evaporation Rate		Water Solubility	Soluble
Flash Point (°C)	10	EPA Code	
DOT Number	UN 1276 Flammable liquid	RTECS	AJ3675000
Comments	Colorless liquid with a mild, fruity odor		

More information about the chemical is available in these categories:

Health	Physical Properties	Regulations	Structures
Trading	Usage		

Health (6)

[8\(e\) TRIAGE Chemical Studies Database](#)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5211984").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/21 13:59
L2	2	("5234777").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/21 13:59
L3	2	("5415888").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/21 14:06
L4	2	("5480518").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/21 13:59
L5	0	3 and acetate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 14:06
L6	0	3 and ester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 14:06
L7	0	1 and ester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 14:06
L8	0	2 and ester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 14:07
L9	0	4 and ester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 14:07
L10	0	1 and (acetate or acetic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 14:07

L11	0	2 and (acetate or acetic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 14:07
L12	0	3 and (acetate or acetic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 14:07
L13	0	4 and (acetate or acetic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 14:07
S1	30	catalyst same perfluorosulfonic same ester	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 07:57
S2	28	S1 and (platinum or palladium or rhodium or carbon or gold or tantalum or tungsten or ruthenium or iridium or osmium or alloy)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 08:01
S3	0	S2 and n\$1propyl\$1acetate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 07:55
S4	0	S2 and propyl\$1acetate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 07:55
S5	19	S2 and acetate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 07:56
S6	0	S5 and ("polyvinyl alcohol" or pva)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 07:55
S7	0	S5 and "polyvinyl alcohol"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 07:56
S8	1	S5 and (ester near10 "acetic acid")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 07:56
S9	5066	catalyst same (perfluorosulfonic or perfluorinated or sulfonyl)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 07:58
S10	3801	S9 and (ester or acetate or "acetic acid")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 08:05
S11	314	S10 and (electrode or electrocatalyst or electrocatalytic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 08:06

S12	20	S11 and ("polyvinyl alcohol" or pva or polyvinylalcohol)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 08:01
S13	19	S12 and (platinum or palladium or rhodium or carbon or gold or tantalum or tungsten or ruthenium or iridium or osmium or alloy)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:23
S14	67	S9 and ("propyl acetate" or acetoxypropane or "acetic acid propyl ester")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 08:05
S15	8	S14 and (electrode or electrocatalyst or electrocatalytic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 08:06
S16	8	S15 and (platinum or palladium or rhodium or carbon or gold or tantalum or tungsten or ruthenium or iridium or osmium or alloy)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 08:15
S17	9	("4849311" "5084144" "5441822" "5474857" "5500292" "5683828" "5929594" "6054230" "6248469").PN. OR ("6592934").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 08:11
S18	0	catalyst same electrode same "propyl acetate" same (perfluorinated or perfluorosulfonic)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 08:12
S19	0	electrode same "propyl acetate" same (perfluorinated or perfluorosulfonic)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 08:12
S20	0	electrode same "propyl acetate" same perfluorinated	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 08:14
S21	23	electrode and "propyl acetate" and (perfluorinated or perfluorosulfonic)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 08:15
S22	19	S21 and (platinum or palladium or rhodium or carbon or gold or tantalum or tungsten or ruthenium or iridium or osmium or alloy)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 08:15
S23	0	"catalyst ink" same (perfluorinated or perfluorosulfonic or nafion) same "propyl acetate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 08:20
S24	0	("catalyst ink" same (perfluorinated or perfluorosulfonic or nafion)) and "propyl acetate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 08:20

S25	1	"catalyst ink" and "propyl acetate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 08:22
S26	20	(catalyst near10 ink) and "propyl acetate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 08:23
S27	907	(502/101).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/21 08:23
S28	3	S27 and ("propyl acetate" or acetoxyp propane or "acetic acid propyl ester")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/21 08:24
S29	14	lorengo/.xa. and catalyst	US-PGPUB; USPAT	OR	ON	2005/09/21 08:34
S30	362	"catalyst ink"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 09:42
S31	242	S30 and (perfluorinated or perflurosulfonic or nafion)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 09:40
S32	1	S31 and ("propyl acetate" or acetoxyp propane or "acetic acid propyl ester")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 09:50
S33	99	"catalyst ink" same (nafion or perflurosulfonic or perfluorinated)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 09:43
S34	1	S32 and ("propyl acetate" or acetoxyp propane or "acetic acid propyl ester")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 09:44
S35	20	S33 and acetate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 09:49
S36	0	S33 and ("propyl acetate" or acetoxyp propane or "acetic acid propyl ester")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 09:44
S37	25	"catalyst ink" and nafion and acetate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 09:49
S38	1	"catalyst ink" and ("propyl acetate" or acetoxyp propane or "acetic acid propyl ester")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 09:51

S39	1780	"catalyst ink" or "electrode ink" or "electrocatalyst ink"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 10:57
S40	10	S39 and ("propyl acetate" or acetoxyp propane or "acetic acid propyl ester")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 10:57
S41	1	S40 and (nafion or perfluorosulfonic or fluorosulfonic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 10:58
S42	2976	(429/40-44).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/21 10:57
S43	145	S39 and S42	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 10:57
S44	1	S43 and ("propyl acetate" or acetoxyp propane or "acetic acid propyl ester")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 10:58
S45	121	S43 and (nafion or perfluorosulfonic or fluorosulfonic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 10:58
S46	1	S45 and ("propyl acetate" or "acetic acid propyl ester")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 10:58
S47	12	S45 and acetate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 10:59
S48	2	("6492295").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/21 10:59
S49	12	("3857737" "4044193" "4175055" "4233181" "4287232" "4568442" "4851377" "5521020" "5620807" "6344291").PN. OR ("6492295").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 11:00
S50	8	S49 and "particle size"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 11:06
S51	164	paste same catalyst same (nafion or perfluorosulfonic or fluorosulfonic)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 11:04
S52	3	S51 and ("propyl acetate" or "acetic acid propyl ester")	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 11:05

S53	0	S50 and ("polyvinyl alcohol" or pva)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 11:06
S54	0	S50 and "polyvinyl alcohol"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 11:06
S55	5066	catalyst same (perfluorosulfonic or perfluorinated or sulfonyl)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:23
S56	3801	S55 and (ester or acetate or "acetic acid")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:23
S57	314	S56 and (electrode or electrocatalyst or electrocatalytic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:23
S58	20	S57 and ("polyvinyl alcohol" or pva or polyvinylalcohol)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:23
S59	10	(S58 and (platinum or palladium or rhodium or carbon or gold or tantalum or tungsten or ruthenium or iridium or osmium or alloy)) and "particle size"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:27
S60	298	catalyst same (ink or paste) same (nafion)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:29
S61	5	S60 and ("propyl acetate" or "acetic acid propyl ester")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:30
S62	1095	(catalyst same (ink or paste)) and ("polyvinyl alcohol" or pva)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:30
S63	110	S62 and (nafion or perfluorosulfonic or fluorosulfonic or perfluorinated)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:30
S64	2	S63 and ("propyl acetate" or "acetic acid propyl ester")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:31
S65	2	S63 and "propyl acetate"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/21 13:31